

Title (en)
BRAKE SYSTEM FOR MOTOR VEHICLES

Title (de)
BREMSANLAGE FÜR KRAFTFAHRZEUGE

Title (fr)
SYSTÈME DE FREINAGE POUR VÉHICULES À MOTEUR

Publication
EP 3071457 B1 20190220 (DE)

Application
EP 14802612 A 20141113

Priority
• DE 102013223861 A 20131121
• EP 2014074427 W 20141113

Abstract (en)
[origin: WO2015074935A1] Brake system for motor vehicles, which brake system can be actuated in a "brake-by-wire" operating mode both by the vehicle driver and independently of the vehicle driver, is preferably operated in the "brake-by-wire" operating mode and can be operated in at least one fallback operating mode, with a brake master cylinder (2) which can be actuated by means of a brake pedal with a housing (21) and two pistons (15, 16) which, in the housing (21), delimit two pressure chambers (17, 18) which are assigned to brake circuits (I, II) with wheel brakes (8a, 8b, 8c, 8d), a pressure medium reservoir (4), one electrically actuatable inlet valve (6a, 6b, 6c, 6d) per wheel brake for setting wheel-individual brake pressures, a first electrically controllable pressure provision device (5) for loading the wheel brakes with pressure in the "brake-by-wire" operating mode, and a second electrically controllable pressure provision device (49) with at least one vacuum connector and a pressure connector, the vacuum connector of which is connected to the pressure medium reservoir (4), wherein the pressure connector of the second pressure provision device (49) is connected to at least one wheel brake (8a, 8c) without a valve being connected in between.

IPC 8 full level
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